



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Stephen PALM  
Appl. No. : 10/657,272  
Filed : September 9, 2003  
For : ACTIVATION OF MULTIPLE XDSL MODEMS WITH IMPLICIT CHANNEL PROBE  
Group Art Unit : 2631  
Examiner : Dung X. NGUYEN  
Confirmation No. : 3282

**COMPLETION OF RECORD**

Commissioner for Patents  
U.S. Patent and Trademark Office  
220 20th Street S.  
Customer Window, Mail Stop Issue Fee  
Crystal Plaza Two, Lobby, Room 1B03  
Arlington, VA 22202

Sir :

In accordance with the duty of disclosure under 37 C.F.R. §1.56 and §§1.97-1.98, Applicant hereby calls to the Examiner's attention the following documents:

A copy of a Canadian Office Action mailed in related Canadian Patent Application No. 2,396,963 on November 23, 2004 is enclosed, in which no new documents were cited.

A copy of a Malaysian Office Action mailed in related Malaysian Patent Application No. PI 9901224 on October 29, 2004 is enclosed, in which a search report published in International Patent Application Publication No. WO 99/50967 was cited. Applicant notes that this document is a patent family member of the present application. Applicant additionally notes that the International Search

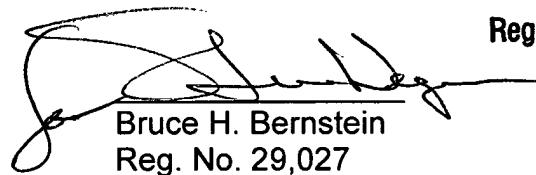
Report referred to in the Malaysian Office Action was previously cited in an Information Disclosure Statement and the specification is substantially the same as that of the present application.

Applicant encloses copies of the Canadian and Malaysian Office Action to complete the record.

Should the Examiner have any questions, the Examiner is invited to contact the undersigned at the below-listed telephone number.

Respectfully Submitted,  
Stephen PALM

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Bruce H. Bernstein  
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January 4, 2005  
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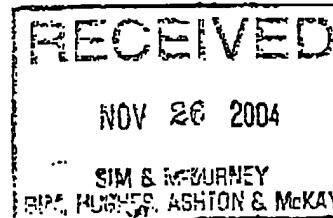
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November 23, 2004

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**Application No.** : 2,396,963  
**Owner** : MATSUSHITA GRAPHIC COMMUNICATION SYSTEMS, INC.  
**Title** : **ACTIVATION OF MULTIPLE XDSL MODEMS WITH IMPLICIT CHANNEL PROBE**  
**Classification** : H04L-12/12  
**Your File No.** : 9116-124 MIS  
**Examiner** : Chapman Wong

**YOU ARE HEREBY NOTIFIED OF :**

- **A REQUISITION BY THE EXAMINER IN ACCORDANCE WITH SUBSECTION 30(2) OF THE PATENT RULES;**
- **A REQUISITION BY THE EXAMINER IN ACCORDANCE WITH SECTION 29 OF THE PATENT RULES.**

**IN ORDER TO AVOID MULTIPLE ABANDONMENTS UNDER PARAGRAPH 73(1)(A) OF THE PATENT ACT, A WRITTEN REPLY TO EACH REQUISITION MUST BE RECEIVED WITHIN SIX MONTHS AFTER THE ABOVE DATE.**

This application has been examined taking into account applicant's correspondence received in this office on May 28, 2004 and July 21, 2004.

The number of claims in this application is 76.

A search of the prior art has not been made because the application is not in a form which permits a meaningful assessment of the alleged invention.

The examiner has identified the following defects in the application:

In claims 1 and 21, the characteristic of "selectively connectable" is not supported by the original description.

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In claims 1 and 21, the element of "a communicator" is not supported by the original description. In addition, there is no support for a communicator executing a mode. Similar objection applies to the element of "a controller".

Claims 1, 21 and 39 refer to "a first transmission mode" and "a second transmission mode". However, the original description fails to disclose the aforementioned modes. Similar objection applies to the transmission of a plurality of MS, MR, ACK or NACK signals.

Claims 8 and 28 refer to a "function list" that is not supported by the original description.

Claims 8, 28 and 65 refer to a "third transmission mode" that is not supported by the original description.

Claims 11 and 31 refer to "three CLR signals" and "three CL signals" that are not supported by the original description.

Claims 14, 34, 51 and 70 refer to the characteristic of "being hierarchically stored" that is not supported by the original description.

Claims 25, 42 and 61 refer to "three MS signals" and "three MR signals" that are not supported by the original description.

The aforementioned claims do not comply with section 84 of the *Patent Rules* because the claimed characteristics or elements have no support in the original description.

In view of the foregoing defects, the applicant is requisitioned, under subsection 30(2) of the *Patent Rules*, to amend the application in order to comply with the *Patent Act* and the *Patent Rules* or to provide arguments as to why the application does comply.

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Under subsection 29(1) of the *Patent Rules*, the applicant is requisitioned to provide identification of any additional art cited during the prosecution of the European Patent Office application describing the same invention on behalf of the applicant or on behalf of any other person claiming under an inventor named in the present application, subsequent to the publication of the European Patent Office application. Similarly, the applicant is requisitioned to provide particulars of conflict, opposition, re-examination or similar proceedings affecting this European Patent Office application. In accordance with subsection 29(3) of the *Patent Rules*, if there are no such proceedings, this must be stated.

Chapman Wong  
Patent Examiner  
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2396963A.cw

APPLICATION NO. : PI 99001224



SUBSTANTIVE / MODIFIED SUBSTANTIVE EXAMINATION :  
EXAMINER'S REPORT TO THE REGISTRAR  
UNDER SECTION 30(1) / 30(2)

The application fails to comply with the requirements of the Act and Regulations for the following reasons :

1. The search report on your corresponding International application no. PCT/US99/06986 (WO 99/50967) has cited prior art against claims of the same scope as the present claims of your Malaysian application. It therefore appears, *prima facie*, that these claims are not novel and/or inventive as required by sections 14 and 15 having regard to that prior art.

If a patent has now been granted in the United States, the United Kingdom, Australia or the European Patent Office and the present claims are brought into conformity with the granted claims, further examination will be expedited. A copy of such a patent should then be filed at this Office.

2. The request is not accompanied by a statement justifying the applicant's right to apply [Reg. 10(2)].
3. Form 17 (Appointment of Agent) is not filed [Reg. 48(2)].
4. The technical features of the claims are not followed by appropriate reference signs in parentheses [Reg. 13(4)].
5. Each main feature of the abstract is not followed by a reference sign in parentheses [Reg. 16(6)].
6. The examination has been conducted on the application documents as originally filed on 31 March 1999 and including amendments filed up to -.

Amendments to the specification should be effected by filing replacement pages in duplicate.

If the claims are amended, the description and title should if necessary also be amended to be consistent therewith.

*Chayfah*

Date : 29/10/2004

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Patent Examiner  
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03-22746502

PRO 206A

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**APPLICATION NO. : PI 99001224**



**SEARCH REPORT**  
**EXAMINER'S REPORT TO THE REGISTRAR**  
**UNDER REGULATION 27C/27D**

The following documents have been identified as relevant to consideration of novelty and/or inventive step.

DOCUMENT CONSIDERED TO BE RELEVANT WHEN CONSIDERING NEWNESS AND/OR INVENTIVE STEP		
Category	Document details, with indication, where appropriate, of relevant passages	Relevant to Claim(s)
	As per WO 99/50967 (PCT/US99/06986) ....	
CLASSIFICATION OF THE APPLICATION <sup>6</sup>		
H04B 1 / 38		
CORRESPONDING FOREIGN SEARCH		
As per WO 99/50967		
DOCUMENTS SEARCHED		
US Patents (1969 to date) EP Applications (1978 to date) WO Publications (1978 to date) MY Patents (1988 to date)		
TECHNICAL FIELDS SEARCHED		
H04B		

<b>CATEGORY OF CITED DOCUMENTS</b>		<b>DATE :</b> 29/10/2004
<b>X:</b>	Relevant if taken alone	Anifah
<b>Y:</b>	Relevant if combined with another cited document	
<b>A:</b>	Technological background	
<b>P:</b>	Document published on or after declared priority date but before filing date of the present application	
<b>E:</b>	Conflict with earlier Malaysian patent/utility innovation	

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